

## **Exhibit A**

Amalgamated Investment Fund Loss Summary in Century Link Class Period: March 1, 2013 - June 19, 2017			
	FIFO	LIFO	Difference
Number of shares purchased during class period (March 1, 2013 - June 19, 2017)	136,685	136,685	N/A
Expenditures on shares purchased during class period	\$ 4,505,243.13	\$ 4,505,243.13	N/A
Number of shares sold during class period	164,507	164,507	N/A
Proceeds from all shares sold during class period	\$ 5,117,564.51	\$ 5,172,981.89	N/A
Number of sales matched to class period purchases	21,261	116,457	(95,196)
Proceeds from matched sales	\$ 611,550.38	\$ 3,658,862.47	\$ (3,047,312.09)
Number of Retained Shares <sup>1</sup>	115,424	20,228	95,196
Number of Shares sold during post-disclosure period	0	0	0
Number of shares held through 9/7/2017 <sup>2</sup>	115,424	20,228	95,196
Value of Shares held through 9/7/2017 <sup>3</sup>	\$ 2,566,411.41	\$ 449,762.35	\$ 2,116,649.06
Damages	\$ 1,327,281.34	\$ 396,618.31	\$ 930,663.03

All trade data was taken from the sworn certification of William Hogan (dated 8/18/2017) [Docket # 3:17-cv-01005-RGJ-JPM] Document # 29-4

1. Retained shares are shares purchased during the class period that, when class period sales are matched to purchases (under LIFO or FIFO), remained unsold as of June 19, 2017.

2. Refers to shares purchased during the class period that, when sales are matched to purchases (under LIFO or FIFO) remained unsold as of 9/7/17.

3. Pursuant to the PSLRA, shares that are still retained 90 days after the end of the Class Period are valued at the average closing price during the 90 days following the close of the class period. As the 90 days have not yet passed, the shares are valued at the average closing price during the period from June 20, 2017 through September 7, 2017 (\$22.23). In its loss calculation, Amalgamated Investment Fund used the average closing price from June 20, 2017 through August 18, 2017 (\$22.95). This is why Amalgamated Investment Fund claimed a FIFO loss of \$1,243,105.39, while this chart calculates Amalgamated Investment Fund's FIFO loss at \$1,327,281.34. All closing prices are based on publicly available data.

**Amalgamated Investment Fund FIFO Losses in Century Link**  
**Class Period: March 1, 2013 - June 19, 2017**

Preclass Holdings

141,597

Date	Trans. Type	Buy	Matched Sale <sup>1</sup>	Unmatched Sale <sup>2</sup>	Quantity	Price
3/4/2013	Purchase	100			100	\$ 35.05
3/4/2013	Purchase	3,100			3,100	\$ 35.05
3/15/2013	Purchase	900			900	\$ 34.37
3/21/2013	Purchase	200			200	\$ 34.49
3/21/2013	Purchase	2,300			2,300	\$ 34.55
3/21/2013	Purchase	44,900			44,900	\$ 34.60
3/25/2013	Sale			(1,600)	(1,600)	\$ 34.99
4/1/2013	Purchase	800			800	\$ 34.83
4/1/2013	Purchase	14,800			14,800	\$ 34.83
4/9/2013	Purchase	3,200			3,200	\$ 36.35
4/18/2013	Purchase	500			500	\$ 37.12
4/22/2013	Sale			(200)	(200)	\$ 37.35
5/1/2013	Sale			(700)	(700)	\$ 37.19
5/15/2013	Sale			(100)	(100)	\$ 37.85
6/4/2013	Purchase	300			300	\$ 34.71
6/4/2013	Purchase	8,500			8,500	\$ 34.71
6/18/2013	Purchase	300			300	\$ 36.19
6/18/2013	Purchase	7,100			7,100	\$ 36.19
6/19/2013	Purchase	400			400	\$ 35.33
6/21/2013	Sale			(500)	(500)	\$ 34.19
6/21/2013	Sale			(2,600)	(2,600)	\$ 34.19
6/25/2013	Sale			(100)	(100)	\$ 34.96
6/26/2013	Sale			(200)	(200)	\$ 34.85
6/27/2013	Sale			(900)	(900)	\$ 35.27
6/28/2013	Purchase	37			37	\$ 35.41
6/28/2013	Sale			(169)	(169)	\$ 35.35
7/1/2013	Sale			(100)	(100)	\$ 35.08
7/9/2013	Purchase	200			200	\$ 35.26
7/9/2013	Sale			(200)	(200)	\$ 35.31
7/10/2013	Sale			(200)	(200)	\$ 35.46
7/23/2013	Purchase	300			300	\$ 35.87
8/1/2013	Purchase	575			575	\$ 36.32
8/9/2013	Purchase	300			300	\$ 33.89
8/16/2013	Sale			(329)	(329)	\$ 32.92
8/21/2013	Purchase	400			400	\$ 32.32
8/23/2013	Purchase	1,100			1,100	\$ 33.30
8/26/2013	Sale			(271)	(271)	\$ 33.14
8/29/2013	Sale			(200)	(200)	\$ 33.10
9/9/2013	Purchase	700			700	\$ 32.02
9/12/2013	Sale			(200)	(200)	\$ 32.38
9/13/2013	Sale			(345)	(345)	\$ 32.34
9/20/2013	Sale			(300)	(300)	\$ 32.29
9/20/2013	Sale			(1,300)	(1,300)	\$ 32.29
9/30/2013	Purchase	14			14	\$ 31.38
9/30/2013	Sale			(4)	(4)	\$ 31.38
10/1/2013	Sale			(100)	(100)	\$ 31.76
10/1/2013	Sale			(800)	(800)	\$ 31.76
10/2/2013	Sale			(400)	(400)	\$ 31.82
10/10/2013	Sale			(295)	(295)	\$ 33.34
10/11/2013	Sale			(300)	(300)	\$ 33.22
10/16/2013	Purchase	200			200	\$ 32.92
10/22/2013	Sale			(312)	(312)	\$ 33.42
10/30/2013	Sale			(200)	(200)	\$ 33.53
11/14/2013	Purchase	456			456	\$ 31.84
11/14/2013	Sale			(2,000)	(2,000)	\$ 31.84
11/19/2013	Purchase	200			200	\$ 32.05
11/20/2013	Purchase	1,500			1,500	\$ 31.80
11/20/2013	Sale			(100)	(100)	\$ 31.80
11/21/2013	Sale			(600)	(600)	\$ 31.08
11/27/2013	Sale			(200)	(200)	\$ 30.72
12/11/2013	Sale			(4,800)	(4,800)	\$ 30.71
12/11/2013	Sale			(13,300)	(13,300)	\$ 30.71
12/18/2013	Sale			(1,300)	(1,300)	\$ 31.84
12/20/2013	Sale			(3)	(3)	\$ 31.04
12/20/2013	Sale			(7)	(7)	\$ 31.04
12/20/2013	Sale			(400)	(400)	\$ 31.05
12/20/2013	Sale			(1,700)	(1,700)	\$ 31.05
1/2/2014	Purchase	500			500	\$ 31.65
1/2/2014	Sale			(200)	(200)	\$ 31.65
1/7/2014	Purchase	400			400	\$ 31.41
1/22/2014	Sale			(300)	(300)	\$ 29.50
1/27/2014	Sale			(100)	(100)	\$ 29.08
1/30/2014	Sale			(4,300)	(4,300)	\$ 29.12
2/25/2014	Sale			(3,100)	(3,100)	\$ 31.34
2/25/2014	Sale			(62,200)	(62,200)	\$ 31.34
2/26/2014	Sale			(200)	(200)	\$ 30.80
3/21/2014	Sale			(700)	(700)	\$ 31.34
3/21/2014	Sale			(1,700)	(1,700)	\$ 31.34
3/24/2014	Sale			(200)	(200)	\$ 31.54
3/25/2014	Sale			(359)	(359)	\$ 31.91
3/26/2014	Sale			(200)	(200)	\$ 32.29
3/31/2014	Sale			(200)	(200)	\$ 32.84
3/31/2014	Sale			(209)	(209)	\$ 32.84

3/31/2014	Sale			(402)	(402)	\$ 32.84
4/1/2014	Purchase	700			700	\$ 33.08
4/24/2014	Purchase	900			900	\$ 34.63
4/30/2014	Purchase	13			13	\$ 34.91
4/30/2014	Sale			(300)	(300)	\$ 34.91
5/1/2014	Sale			(200)	(200)	\$ 34.96
5/13/2014	Sale			(357)	(357)	\$ 36.97
5/23/2014	Sale			(582)	(582)	\$ 37.28
6/25/2014	Sale			(300)	(300)	\$ 36.15
6/27/2014	Purchase	355			355	\$ 35.78
6/27/2014	Sale			(76)	(76)	\$ 35.78
6/27/2014	Sale			(407)	(407)	\$ 35.78
7/9/2014	Sale			(200)	(200)	\$ 36.59
7/9/2014	Sale			(392)	(392)	\$ 36.59
7/11/2014	Purchase	655			655	\$ 36.77
7/31/2014	Purchase	35			35	\$ 39.24
8/20/2014	Sale			(200)	(200)	\$ 40.79
9/5/2014	Sale			(1,600)	(1,600)	\$ 41.47
9/9/2014	Sale			(154)	(154)	\$ 39.99
9/12/2014	Sale			(1,500)	(1,500)	\$ 39.54
9/17/2014	Purchase	200			200	\$ 40.35
9/18/2014	Sale			(900)	(900)	\$ 40.52
9/19/2014	Purchase	15			15	\$ 40.75
9/19/2014	Sale			(800)	(800)	\$ 40.75
9/30/2014	Purchase	100			100	\$ 40.89
10/8/2014	Purchase	100			100	\$ 40.00
10/21/2014	Sale			(200)	(200)	\$ 39.70
10/24/2014	Sale			(200)	(200)	\$ 39.93
10/28/2014	Sale			(800)	(800)	\$ 41.03
10/29/2014	Sale			(300)	(300)	\$ 40.99
11/24/2014	Sale			(200)	(200)	\$ 40.28
12/10/2014	Purchase	372			372	\$ 38.40
12/12/2014	Purchase	179			179	\$ 37.58
12/15/2014	Purchase	100			100	\$ 37.81
12/17/2014	Sale			(100)	(100)	\$ 38.69
12/19/2014	Purchase	600			600	\$ 39.70
12/22/2014	Purchase	100			100	\$ 39.96
12/22/2014	Purchase	1,000			1,000	\$ 40.19
1/5/2015	Purchase	900			900	\$ 38.75
1/5/2015	Sale			(1,700)	(1,700)	\$ 38.75
1/22/2015	Sale			(100)	(100)	\$ 39.37
1/28/2015	Sale			(100)	(100)	\$ 38.69
2/2/2015	Purchase	1,000			1,000	\$ 38.22
2/10/2015	Sale			(114)	(114)	\$ 40.18
2/18/2015	Purchase	295			295	\$ 37.51
3/2/2015	Purchase	1,911			1,911	\$ 37.63
3/12/2015	Sale			(1,100)	(1,100)	\$ 35.21
3/13/2015	Purchase	91			91	\$ 34.42
3/20/2015	Sale			(400)	(400)	\$ 35.30
3/20/2015	Sale			(1,200)	(1,200)	\$ 35.30
3/26/2015	Sale			(600)	(600)	\$ 34.56
3/30/2015	Sale			(46)	(46)	\$ 34.06
4/1/2015	Purchase	21			21	\$ 35.50
4/30/2015	Sale			(300)	(300)	\$ 35.96
5/6/2015	Sale			(11)	(11)	\$ 34.53
5/6/2015	Sale			(204)	(204)	\$ 34.53
5/13/2015	Purchase	400			400	\$ 34.35
5/15/2015	Purchase	200			200	\$ 34.49
5/21/2015	Purchase	100			100	\$ 34.25
5/26/2015	Sale			(100)	(100)	\$ 33.60
5/28/2015	Sale			(400)	(400)	\$ 34.06
6/3/2015	Purchase	924			924	\$ 32.99
6/15/2015	Sale			(16)	(16)	\$ 32.37
6/17/2015	Purchase	605			605	\$ 32.21
6/19/2015	Sale			(700)	(700)	\$ 32.46
6/24/2015	Purchase	600			600	\$ 31.70
6/26/2015	Purchase	84			84	\$ 29.99
6/26/2015	Sale			(208)	(208)	\$ 29.99
6/26/2015	Sale			(399)	(399)	\$ 29.99
6/29/2015	Sale			(700)	(700)	\$ 29.53
6/30/2015	Sale			(900)	(900)	\$ 29.38
7/14/2015	Sale			(500)	(500)	\$ 29.98
7/27/2015	Sale			(200)	(200)	\$ 28.12
7/29/2015	Sale			(600)	(600)	\$ 28.16
9/1/2015	Purchase	93			93	\$ 25.90
9/15/2015	Sale			(500)	(500)	\$ 26.47
9/21/2015	Purchase	200			200	\$ 25.88
9/24/2015	Purchase	119			119	\$ 25.02
9/29/2015	Sale			(500)	(500)	\$ 24.69
9/30/2015	Sale			(500)	(500)	\$ 25.12
10/30/2015	Purchase	2			2	\$ 28.21
10/30/2015	Purchase	300			300	\$ 28.21
11/6/2015	Purchase	416			416	\$ 28.59
11/17/2015	Purchase	200			200	\$ 28.37
11/24/2015	Purchase	1,150			1,150	\$ 27.23
11/30/2015	Sale			(5,210)	(5,210)	\$ 26.93
12/18/2015	Purchase	10			10	\$ 25.11
12/18/2015	Sale			(800)	(800)	\$ 25.11

12/18/2015	Sale		(384)	(2,016)	(2,400)	\$ 25.11
12/30/2015	Sale		(500)		(500)	\$ 25.38
1/7/2016	Purchase	600			600	\$ 24.22
1/29/2016	Purchase	21			21	\$ 25.42
1/29/2016	Purchase	41			41	\$ 25.42
2/8/2016	Sale		(144)		(144)	\$ 25.63
2/24/2016	Sale		(6,400)		(6,400)	\$ 30.01
3/9/2016	Sale		(400)		(400)	\$ 31.53
3/15/2016	Sale		(500)		(500)	\$ 31.32
3/23/2016	Sale		(1,200)		(1,200)	\$ 31.02
4/1/2016	Purchase	14			14	\$ 32.18
4/1/2016	Purchase	21			21	\$ 32.18
5/2/2016	Sale		(5,300)		(5,300)	\$ 31.48
6/8/2016	Purchase	500			500	\$ 27.04
6/13/2016	Purchase	1,123			1,123	\$ 26.89
6/22/2016	Purchase	300			300	\$ 27.92
6/24/2016	Sale		(189)		(189)	\$ 27.93
6/24/2016	Sale		(326)		(326)	\$ 27.93
6/27/2016	Sale		(400)		(400)	\$ 26.82
8/4/2016	Sale		(203)		(203)	\$ 30.25
8/22/2016	Sale		(400)		(400)	\$ 28.93
8/23/2016	Purchase	3,400			3,400	\$ 29.10
8/31/2016	Purchase	125			125	\$ 27.80
10/31/2016	Purchase	500			500	\$ 26.58
10/31/2016	Purchase	600			600	\$ 26.58
11/1/2016	Purchase	740			740	\$ 24.97
11/1/2016	Purchase	8,407			8,407	\$ 24.97
11/2/2016	Purchase	131			131	\$ 24.18
11/30/2016	Purchase	88			88	\$ 23.52
11/30/2016	Sale		(1,000)		(1,000)	\$ 23.52
12/1/2016	Purchase	66			66	\$ 23.74
12/13/2016	Sale		(500)		(500)	\$ 24.43
12/16/2016	Purchase	3			3	\$ 24.17
12/16/2016	Sale		(2)		(2)	\$ 24.17
12/23/2016	Purchase	595			595	\$ 24.06
1/3/2017	Purchase	700			700	\$ 25.35
1/13/2017	Purchase	132			132	\$ 25.26
1/18/2017	Sale		(400)		(400)	\$ 25.47
1/19/2017	Purchase	396			396	\$ 25.50
2/1/2017	Purchase	500			500	\$ 25.51
2/1/2017	Purchase	999			999	\$ 25.52
2/2/2017	Sale		(113)		(113)	\$ 25.26
2/13/2017	Purchase	400			400	\$ 24.62
2/15/2017	Purchase	226			226	\$ 24.40
2/16/2017	Sale		(500)		(500)	\$ 24.28
2/24/2017	Sale		(500)		(500)	\$ 24.58
3/24/2017	Sale		(400)		(400)	\$ 22.76
3/31/2017	Purchase	1,419			1,419	\$ 23.58
3/31/2017	Sale		(1,100)		(1,100)	\$ 23.57
4/3/2017	Purchase	337			337	\$ 23.61
4/27/2017	Purchase	2,714			2,714	\$ 25.79
5/1/2017	Purchase	600			600	\$ 25.38
5/1/2017	Purchase	794			794	\$ 25.39
5/3/2017	Purchase	161			161	\$ 25.42
5/9/2017	Purchase	572			572	\$ 25.03
5/9/2017	Sale		(400)		(400)	\$ 25.03
6/14/2017	Purchase	133			133	\$ 27.32

**Total**

Total shares purchased 136,685  
Total Expenditures \$ 4,505,243.13  
Total shares sold 164,507  
Total Proceeds \$ 5,117,564.51

**UNDER FIFO MATCHING**

Shares Purchased	136,685	Damages	Expenditures on shares purchased	\$ 4,505,243.13
			- Proceeds from matched sales during class	\$ 611,550.38
Expenditures	\$ 4,505,243.13		- Proceeds from matched sales during 90 day	\$ -
			- Value of shares held	\$ 2,566,411.41
Matched Shares Sold	21,261		= DAMAGES	\$ 1,327,281.34
Proceeds from matched sales	\$ 611,550.38			
Shares Sold in 90 day	0			
Proceeds in 90 day	0			
Retained Shares	115,424			
Shares Held as of 9/7/17	115,424			
Value as of 9/7/17	\$ 2,566,411.41			
Avg Closing Price through 9/7/17	\$ 22.23			

1. Matched sales are sales that, pursuant to FIFO, were matched to class period purchases.

2. Unmatched sales were sales that, pursuant to FIFO, were matched to preclass period holdings and therefore were not included in loss calculations.

**Amalgamated Investment Fund LIFO Losses in Century Link**  
**Class Period: March 1, 2013 - June 19, 2017**

Preclass Holdings

141,597

Date	Trans. Type	Buy	Matched Sale <sup>1</sup>	Unmatched Sale <sup>2</sup>	Quantity	Price
3/4/2013	Purchase	100			100	\$ 35.05
3/4/2013	Purchase	3,100			3,100	\$ 35.05
3/15/2013	Purchase	900			900	\$ 34.37
3/21/2013	Purchase	200			200	\$ 34.49
3/21/2013	Purchase	2,300			2,300	\$ 34.55
3/21/2013	Purchase	44,900			44,900	\$ 34.60
3/25/2013	Sale		(1,600)		(1,600)	\$ 34.99
4/1/2013	Purchase	800			800	\$ 34.83
4/1/2013	Purchase	14,800			14,800	\$ 34.83
4/9/2013	Purchase	3,200			3,200	\$ 36.35
4/18/2013	Purchase	500			500	\$ 37.12
4/22/2013	Sale		(200)		(200)	\$ 37.35
5/1/2013	Sale		(700)		(700)	\$ 37.19
5/15/2013	Sale		(100)		(100)	\$ 37.85
6/4/2013	Purchase	300			300	\$ 34.71
6/4/2013	Purchase	8,500			8,500	\$ 34.71
6/18/2013	Purchase	300			300	\$ 36.19
6/18/2013	Purchase	7,100			7,100	\$ 36.19
6/19/2013	Purchase	400			400	\$ 35.33
6/21/2013	Sale		(500)		(500)	\$ 34.19
6/21/2013	Sale		(2,600)		(2,600)	\$ 34.19
6/25/2013	Sale		(100)		(100)	\$ 34.96
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6/27/2013	Sale		(900)		(900)	\$ 35.27
6/28/2013	Purchase	37			37	\$ 35.41
6/28/2013	Sale		(169)		(169)	\$ 35.35
7/1/2013	Sale		(100)		(100)	\$ 35.08
7/9/2013	Purchase	200			200	\$ 35.26
7/9/2013	Sale		(200)		(200)	\$ 35.31
7/10/2013	Sale		(200)		(200)	\$ 35.46
7/23/2013	Purchase	300			300	\$ 35.87
8/1/2013	Purchase	575			575	\$ 36.32
8/9/2013	Purchase	300			300	\$ 33.89
8/16/2013	Sale		(329)		(329)	\$ 32.92
8/21/2013	Purchase	400			400	\$ 32.32
8/23/2013	Purchase	1,100			1,100	\$ 33.30
8/26/2013	Sale		(271)		(271)	\$ 33.14
8/29/2013	Sale		(200)		(200)	\$ 33.10
9/9/2013	Purchase	700			700	\$ 32.02
9/12/2013	Sale		(200)		(200)	\$ 32.38
9/13/2013	Sale		(345)		(345)	\$ 32.34
9/20/2013	Sale		(300)		(300)	\$ 32.29
9/20/2013	Sale		(1,300)		(1,300)	\$ 32.29
9/30/2013	Purchase	14			14	\$ 31.38
9/30/2013	Sale		(4)		(4)	\$ 31.38
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10/1/2013	Sale		(800)		(800)	\$ 31.76
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10/10/2013	Sale		(295)		(295)	\$ 33.34
10/11/2013	Sale		(300)		(300)	\$ 33.22
10/16/2013	Purchase	200			200	\$ 32.92
10/22/2013	Sale		(312)		(312)	\$ 33.42
10/30/2013	Sale		(200)		(200)	\$ 33.53
11/14/2013	Purchase	456			456	\$ 31.84
11/14/2013	Sale		(2,000)		(2,000)	\$ 31.84
11/19/2013	Purchase	200			200	\$ 32.05
11/20/2013	Purchase	1,500			1,500	\$ 31.80
11/20/2013	Sale		(100)		(100)	\$ 31.80
11/21/2013	Sale		(600)		(600)	\$ 31.08
11/27/2013	Sale		(200)		(200)	\$ 30.72
12/11/2013	Sale		(4,800)		(4,800)	\$ 30.71
12/11/2013	Sale		(13,300)		(13,300)	\$ 30.71
12/18/2013	Sale		(1,300)		(1,300)	\$ 31.84
12/20/2013	Sale		(3)		(3)	\$ 31.04
12/20/2013	Sale		(7)		(7)	\$ 31.04
12/20/2013	Sale		(400)		(400)	\$ 31.05
12/20/2013	Sale		(1,700)		(1,700)	\$ 31.05
1/2/2014	Purchase	500			500	\$ 31.65

1/2/2014	Sale		(200)		(200)	\$ 31.65
1/7/2014	Purchase	400			400	\$ 31.41
1/22/2014	Sale		(300)		(300)	\$ 29.50
1/27/2014	Sale		(100)		(100)	\$ 29.08
1/30/2014	Sale		(4,300)		(4,300)	\$ 29.12
2/25/2014	Sale		(3,100)		(3,100)	\$ 31.34
2/25/2014	Sale		(48,947)	(13,253)	(62,200)	\$ 31.34
2/26/2014	Sale		(200)	(200)	(200)	\$ 30.80
3/21/2014	Sale		200	(900)	(700)	\$ 31.34
3/21/2014	Sale		-	(1,700)	(1,700)	\$ 31.34
3/24/2014	Sale		-	(200)	(200)	\$ 31.54
3/25/2014	Sale		-	(359)	(359)	\$ 31.91
3/26/2014	Sale		-	(200)	(200)	\$ 32.29
3/31/2014	Sale		-	(200)	(200)	\$ 32.84
3/31/2014	Sale		-	(209)	(209)	\$ 32.84
3/31/2014	Sale		-	(402)	(402)	\$ 32.84
4/1/2014	Purchase	700			700	\$ 33.08
4/24/2014	Purchase	900			900	\$ 34.63
4/30/2014	Purchase	13			13	\$ 34.91
4/30/2014	Sale		(300)		(300)	\$ 34.91
5/1/2014	Sale		(200)		(200)	\$ 34.96
5/13/2014	Sale		(357)		(357)	\$ 36.97
5/23/2014	Sale		(582)		(582)	\$ 37.28
6/25/2014	Sale		(300)	(126)	(300)	\$ 36.15
6/27/2014	Purchase	355			355	\$ 35.78
6/27/2014	Sale		(229)		(76)	\$ 35.78
6/27/2014	Sale		-	(407)	(407)	\$ 35.78
7/9/2014	Sale		-	(200)	(200)	\$ 36.59
7/9/2014	Sale		-	(392)	(392)	\$ 36.59
7/11/2014	Purchase	655			655	\$ 36.77
7/31/2014	Purchase	35			35	\$ 39.24
8/20/2014	Sale		(200)		(200)	\$ 40.79
9/5/2014	Sale		(490)	(1,110)	(1,600)	\$ 41.47
9/9/2014	Sale		(154)	(154)	(154)	\$ 39.99
9/12/2014	Sale		154	(1,654)	(1,500)	\$ 39.54
9/17/2014	Purchase	200			200	\$ 40.35
9/18/2014	Sale		(200)	(700)	(900)	\$ 40.52
9/19/2014	Purchase	15			15	\$ 40.75
9/19/2014	Sale		(15)	(785)	(800)	\$ 40.75
9/30/2014	Purchase	100			100	\$ 40.89
10/8/2014	Purchase	100			100	\$ 40.00
10/21/2014	Sale		(200)		(200)	\$ 39.70
10/24/2014	Sale		(200)	(200)	(200)	\$ 39.93
10/28/2014	Sale		200	(1,000)	(800)	\$ 41.03
10/29/2014	Sale		-	(300)	(300)	\$ 40.99
11/24/2014	Sale		-	(200)	(200)	\$ 40.28
12/10/2014	Purchase	372			372	\$ 38.40
12/12/2014	Purchase	179			179	\$ 37.58
12/15/2014	Purchase	100			100	\$ 37.81
12/17/2014	Sale		(100)		(100)	\$ 38.69
12/19/2014	Purchase	600			600	\$ 39.70
12/22/2014	Purchase	100			100	\$ 39.96
12/22/2014	Purchase	1,000			1,000	\$ 40.19
1/5/2015	Purchase	900			900	\$ 38.75
1/5/2015	Sale		(1,700)		(1,700)	\$ 38.75
1/22/2015	Sale		(100)		(100)	\$ 39.37
1/28/2015	Sale		(100)		(100)	\$ 38.69
2/2/2015	Purchase	1,000			1,000	\$ 38.22
2/10/2015	Sale		(114)		(114)	\$ 40.18
2/18/2015	Purchase	295			295	\$ 37.51
3/2/2015	Purchase	1,911			1,911	\$ 37.63
3/12/2015	Sale		(1,100)		(1,100)	\$ 35.21
3/13/2015	Purchase	91			91	\$ 34.42
3/20/2015	Sale		(400)		(400)	\$ 35.30
3/20/2015	Sale		(1,200)		(1,200)	\$ 35.30
3/26/2015	Sale		(600)		(600)	\$ 34.56
3/30/2015	Sale		(46)		(46)	\$ 34.06
4/1/2015	Purchase	21			21	\$ 35.50
4/30/2015	Sale		(300)		(300)	\$ 35.96
5/6/2015	Sale		(11)		(11)	\$ 34.53
5/6/2015	Sale		(204)		(204)	\$ 34.53
5/13/2015	Purchase	400			400	\$ 34.35
5/15/2015	Purchase	200			200	\$ 34.49

5/21/2015	Purchase	100			100	\$ 34.25
5/26/2015	Sale		(100)		(100)	\$ 33.60
5/28/2015	Sale		(400)		(400)	\$ 34.06
6/3/2015	Purchase	924			924	\$ 32.99
6/15/2015	Sale		(16)		(16)	\$ 32.37
6/17/2015	Purchase	605			605	\$ 32.21
6/19/2015	Sale		(700)		(700)	\$ 32.46
6/24/2015	Purchase	600			600	\$ 31.70
6/26/2015	Purchase	84			84	\$ 29.99
6/26/2015	Sale		(208)		(208)	\$ 29.99
6/26/2015	Sale		(399)		(399)	\$ 29.99
6/29/2015	Sale		(700)		(700)	\$ 29.53
6/30/2015	Sale		(900)		(900)	\$ 29.38
7/14/2015	Sale		(500)	(416)	(500)	\$ 29.98
7/27/2015	Sale		416	(616)	(200)	\$ 28.12
7/29/2015	Sale		-	(600)	(600)	\$ 28.16
9/1/2015	Purchase	93			93	\$ 25.90
9/15/2015	Sale		(93)	(407)	(500)	\$ 26.47
9/21/2015	Purchase	200			200	\$ 25.88
9/24/2015	Purchase	119			119	\$ 25.02
9/29/2015	Sale		(319)	(181)	(500)	\$ 24.69
9/30/2015	Sale		-	(500)	(500)	\$ 25.12
10/30/2015	Purchase	2			2	\$ 28.21
10/30/2015	Purchase	300			300	\$ 28.21
11/6/2015	Purchase	416			416	\$ 28.59
11/17/2015	Purchase	200			200	\$ 28.37
11/24/2015	Purchase	1,150			1,150	\$ 27.23
11/30/2015	Sale		(2,068)	(3,142)	(5,210)	\$ 26.93
12/18/2015	Purchase	10			10	\$ 25.11
12/18/2015	Sale		(10)	(790)	(800)	\$ 25.11
12/18/2015	Sale		-	(2,400)	(2,400)	\$ 25.11
12/30/2015	Sale		-	(500)	(500)	\$ 25.38
1/7/2016	Purchase	600			600	\$ 24.22
1/29/2016	Purchase	21			21	\$ 25.42
1/29/2016	Purchase	41			41	\$ 25.42
2/8/2016	Sale		(144)		(144)	\$ 25.63
2/24/2016	Sale		(518)	(5,882)	(6,400)	\$ 30.01
3/9/2016	Sale		(400)	(400)	(400)	\$ 31.53
3/15/2016	Sale		400	(900)	(500)	\$ 31.32
3/23/2016	Sale		-	(1,200)	(1,200)	\$ 31.02
4/1/2016	Purchase	14			14	\$ 32.18
4/1/2016	Purchase	21			21	\$ 32.18
5/2/2016	Sale		(35)	(5,265)	(5,300)	\$ 31.48
6/8/2016	Purchase	500			500	\$ 27.04
6/13/2016	Purchase	1,123			1,123	\$ 26.89
6/22/2016	Purchase	300			300	\$ 27.92
6/24/2016	Sale		(189)		(189)	\$ 27.93
6/24/2016	Sale		(326)		(326)	\$ 27.93
6/27/2016	Sale		(400)		(400)	\$ 26.82
8/4/2016	Sale		(203)		(203)	\$ 30.25
8/22/2016	Sale		(400)		(400)	\$ 28.93
8/23/2016	Purchase	3,400			3,400	\$ 29.10
8/31/2016	Purchase	125			125	\$ 27.80
10/31/2016	Purchase	500			500	\$ 26.58
10/31/2016	Purchase	600			600	\$ 26.58
11/1/2016	Purchase	740			740	\$ 24.97
11/1/2016	Purchase	8,407			8,407	\$ 24.97
11/2/2016	Purchase	131			131	\$ 24.18
11/30/2016	Purchase	88			88	\$ 23.52
11/30/2016	Sale		(1,000)		(1,000)	\$ 23.52
12/1/2016	Purchase	66			66	\$ 23.74
12/13/2016	Sale		(500)		(500)	\$ 24.43
12/16/2016	Purchase	3			3	\$ 24.17
12/16/2016	Sale		(2)		(2)	\$ 24.17
12/23/2016	Purchase	595			595	\$ 24.06
1/3/2017	Purchase	700			700	\$ 25.35
1/13/2017	Purchase	132			132	\$ 25.26
1/18/2017	Sale		(400)		(400)	\$ 25.47
1/19/2017	Purchase	396			396	\$ 25.50
2/1/2017	Purchase	500			500	\$ 25.51
2/1/2017	Purchase	999			999	\$ 25.52
2/2/2017	Sale		(113)		(113)	\$ 25.26
2/13/2017	Purchase	400			400	\$ 24.62



2/15/2017	Purchase	226			226	\$ 24.40
2/16/2017	Sale		(500)		(500)	\$ 24.28
2/24/2017	Sale		(500)		(500)	\$ 24.58
3/24/2017	Sale		(400)		(400)	\$ 22.76
3/31/2017	Purchase	1,419			1,419	\$ 23.58
3/31/2017	Sale		(1,100)		(1,100)	\$ 23.57
4/3/2017	Purchase	337			337	\$ 23.61
4/27/2017	Purchase	2,714			2,714	\$ 25.79
5/1/2017	Purchase	600			600	\$ 25.38
5/1/2017	Purchase	794			794	\$ 25.39
5/3/2017	Purchase	161			161	\$ 25.42
5/9/2017	Purchase	572			572	\$ 25.03
5/9/2017	Sale		(400)		(400)	\$ 25.03
6/14/2017	Purchase	133			133	\$ 27.32

**Total**

Total shares purchased	136,685
Total Expenditures	\$ 4,505,243.13
Total shares sold	164,507
Total Proceeds	\$ 5,172,981.89

**UNDER LIFO MATCHING**

Shares Purchased	136,685	Damages	Expenditures on shares purchased	\$ 4,505,243.13
		-	Proceeds from matched sales during class	\$ 3,658,862.47
Expenditures	\$ 4,505,243.13	-	Proceeds from matched sales during 90 day	\$ -
		-	Value of shares held	\$ 449,762.35
Matched shares sold	116,457	=	DAMAGES	\$ 396,618.31
Proceeds from matched shares	\$ 3,658,862.47			
Shares Sold in 90 day	0			
Proceeds in 90 day	0			
Retained Shares	20,228			
Shares Held as of 9/7/17	20,228			
Value as of 9/7/17	\$ 449,762.35			
Avg Closing Price through 9/7/17	\$ 22.23			

1. Matched sales are sales that, pursuant to LIFO, were matched to class period purchases.

2. Unmatched sales were sales that, pursuant to LIFO, were matched to preclass period holdings and therefore were not included in loss calculations.